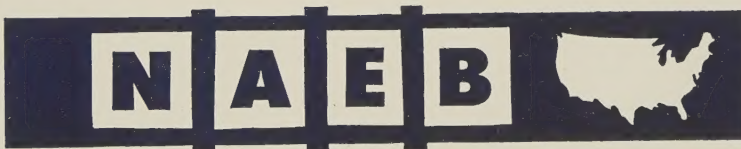
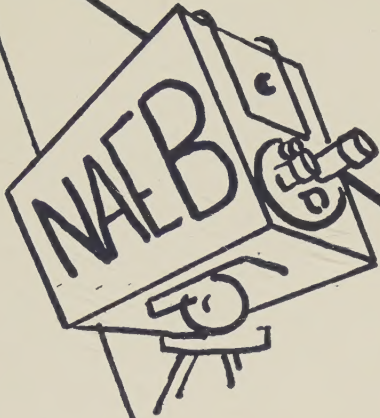



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NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

News Letter



SEPTEMBER 1956



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1956 GRANTS-IN-AID

A fifth series of Grants-in-Aid for content-oriented radio programs, made possible by a grant from the Educational Television and Radio Center, has been announced. The programs may be designed for either adult or school audiences under the general title of "Ideas in a Changing World." The individual grants are made by the ETRC upon recommendations by the NAEB Grants-in-Aid committee.

As pointed out in the general announcement mailed in early September, "Acceptable areas in which these series might be directed include the impact of ideas upon government, literature, education, science, the arts and social thought. This general topic is viewed as one in which the nature and significance of intellectual achievement will be stressed, but which permits considerable latitude in terms of substance, intended audience level and format."

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Applications, which may be submitted by any bonafide university, college, school system or other accredited educational institution, or NAEB Active or Associate member, must be sent to NAEB Headquarters not later than November 15, 1956. Results are expected to be announced on or about December 15, 1956.

The NAEB Grants-in-Aid committee, appointed by President Frank Schooley, met in Chicago last month to determine the general area in which programs might be submitted, the details of the announcement and other arrangements, and will select the grant winners from applications received. The committee is composed of Edward Rosenheim, Jr., University of Chicago, Chairman; James Miles, WBAA, Purdue University; Edwin Browne, KANU, University of Kansas, and Lawrence Frymire, WKAR, Michigan State University.

Detailed information may be obtained by writing to NAEB Headquarters, 14 Gregory Hall, Urbana, Illinois.

NAEB RESEARCH GRANTS-IN-AID

The NAEB is offering a new series of grants-in-aid as a means of fostering increased research in the expanding area of educational broadcasting. This program, resulting from a recommendation by the NAEB Research committee, will provide grants up to \$300 to any department of an accredited institution of higher learning. These grants are financed from the regular W.K. Kellogg Foundation grant to NAEB.

The general announcement, mailed late in August, stated, "These grants are designed to help cover incidental expenses of carrying on research projects. Such incidental expenses might be mailing costs, clerical help, mimeographing and similar items. Grant funds may not be used to pay the person conducting the research, for fees to interviewers, for administrative expense or purchase of capital equipment."

Deadline for applications is November 1, 1956, and winners will be announced on or about December 1, 1956. The applications will be screened by the NAEB Research committee which consists of Robert Coleman, WKAR, Michigan State University, chairman; Gale Adkins, University of Texas; Raymond Cheydleur, WFSU, Florida State University; Kenneth Harwood, University of Southern California; Lawrence Myers, WAER, Syracuse University; and H.H. Remmers, Purdue University.

Application forms and complete rules regarding applications may be obtained from NAEB Headquarters, 14 Gregory Hall, Urbana, Illinois.

GRANTS-IN-AID FOR ETV WORKSHOPS

Grants in amounts ranging from \$1,000 to \$3,000 for the purpose of upgrading programs at educational television workshops held by educational institutions are available from NAEB. Applications for grants must be made to the NAEB Executive Director.

Such grants will be those for assisting institutions to improve the quality of ETV workshops and for costs over and above those any institution would normally plan for such a purpose. Funds may not be used to cover participant expenses, nor to contribute to workshop expenses that can be financed from other sources. These grants would be expected to supplement those of a workshop-sponsoring institution so a better program and service would be given for workshop attendees.

Applications will be received anytime, although funds must be used and the workshops held before July 1, 1957.

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ICET MEET

Top policymaking officials of the nation's educational TV stations were invited to meet in Washington, Sept. 6, under the sponsorship of the ICET, to consider two recent FCC actions which may vitally affect the entire national movement. Officials of the Center at Ann Arbor, Mich., and the NAEB also attended.

The two FCC actions concerned in the meeting are the possibility that all TV broadcasting be shifted to UHF and the shifting of ETV Channel 3 in College Station, Texas, to Channel 48 (UHF) as it had not been utilized and commercial interests wanted it.

(Inside Channels, August, 1956)

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Headquarters Personnel News

This month marks the termination of employment by two of our Network employees: Duplicator Operator John Parmenter and Assistant Network Manager for Production, Glenn Blackburn. Glenn and his wife Marilyn (who once worked for the Network) are heading toward Denver, while John is returning to his home town of Coulee Dam, Washington. Both Glenn and John have worked conscientiously for the betterment of the Network and their absence will be sorely noted. Best of luck to you, Marilyn, Glenn and John!

After September 1, the Network staff will consist of: Manager, Asst. Mgr. for Traffic, Electronics Technician, Duplicator Operator, and three part-time student workers. One of the part-time workers joined us last week. He is Jemrola Adeleke Ojo, graduate student in education from Nigeria, Africa. Leke is working full time until the fall semester starts, when he will work mornings only. Don Dean, a student who worked here in the past, will return in September, and the third part-time worker has not been employed as yet.

* * * * *

HEADQUARTERS NEWS

NAEB STAGING & LIGHTING WORKSHOP

Representatives of fifteen educational television stations and five production centers participated in the NAEB Staging and Lighting Workshop at the University of Michigan Television Studio at Ann Arbor, Michigan, August 19-22. Hazen Schumacher, Assistant Director of Television for the University of Michigan kept the programs running smoothly and on time, assisted by Vern Weber, Staging and Lighting Supervisor, Fred Remley, Chief Engineer, and the studio staff.

The group arrived Sunday afternoon by plane, train and automobile. Sunday evening everyone became better acquainted at an informal party. A kinescope, "Lighting Guideposts," produced by CBS Television set the theme for the three days' sessions to follow.

Monday's sessions on lighting were conducted by Theodore Lawrence, TV Consultant, who established the CBS lighting department, and recruited and trained CBS lighting directors. Mr. Lawrence discussed the function of light in a TV system and demonstrated lighting techniques employed in television production. He also talked on lighting terminology and discussed the characteristics of various lighting instruments used to provide effects in television.

In the Monday afternoon session the techniques and use of rear screen projection was discussed and demonstrated. At the evening session a number of kinescope recordings were shown. Following each showing the lighting employed in these productions was discussed by Mr. Lawrence and the participants. After the kinescope showing, Mr. Lawrence answered individual questions on lighting problems and made specific suggestions to help in their solution.

The Tuesday and Wednesday sessions were conducted by William Suchmann, Feature Editor for "Omnibus." The Presidential conventions set the theme for Mr. Suchmann's presentation as he

showed his "platform" for staging television productions with his four "planks" taped in letters a foot high on the studio floor. He discussed these planks in detail: 1. Economy, 2. Depth, 3. Clarity and 4. Style. During the morning session he outlined the principles behind Ford Foundation TV Workshop productions of "Omnibus" showing kinescope excerpts, which stimulated much spirited discussion from those present.

At the beginning of the afternoon session, Mr. Suchmann read the script of the "Omnibus" feature "Jack Be Normal" based on the Gluck study of juvenile delinquency in Boston. The production of this feature then became a Workshop problem with members of the group assigned as producer, director, staging director, and lighting director. The remainder of the group became the crews to build and light the sets employed in the production.

Much of Tuesday evening was devoted to the actual construction and lighting of the sets to be used in the problem. A great deal of talent was apparent from the sets produced. A number of kinescope recordings were shown and discussed individually by Mr. Suchmann and the participants with special emphasis upon staging.

Wednesday morning final touches were made to sets and lighting. The cast was assembled and walked through the routine. The production was put on camera with those of the group not participating on the floor observing the results in the control room. Mr. Suchmann then talked about the NAEB Workshop presentation and followed up with the kinescope recording of the "Omnibus" production of this feature.

Wednesday afternoon was devoted to a discussion of shots, fades, supers and dissolves, and their use in television. An "Omnibus" kinescope was shown as an example of shooting techniques and a critique of the production followed. Then the WUNC-TV kinescope of "Hello Out There" was shown. It was based on a story by William Saroyan and produced by Alton Ward of the Greensboro studio of WUNC-TV. A portion of this kine had been shown the previous evening and by popular demand was shown in its entirety.

At the final meeting Wednesday evening a number of color and monochrome slides of University of Michigan productions were shown.

and discussed by Vern Weber. These very graphically illustrated the variety of effects obtained by use of the modular staging units employed at the University of Michigan. A panel (consisting of Alan DeLand of the ETRC, Hazen Schumacher and Fred Remley of the University of Michigan and Cecil Bidlack of NAEB) concluded the workshop program with a discussion of the workshop from their individual points of view.

From numerous comments of those participating, the writer believes that the workshop was highly successful. Contacts with consultants and the exchange of ideas should prove highly stimulating. Its effects upon the participants should be evident in improved lighting and staging of future educational television productions.

(Roy Nelligan, Production Facilities Director of WQED, Pittsburgh, attended the Staging and Lighting Workshop in place of Herbert Seltz of Indiana University as listed in the August Newsletter.)

---CSB

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WMAQ TO BROADCAST NAEB PROGRAMS

Radio station WMAQ, NBC owned and operated outlet in Chicago, started a regular weekly broadcast of NAEB programs on Tuesday, August 28. "The Jeffersonian Heritage" will be the first series to be heard on these broadcasts which will be aired each Tuesday evening, 7:30-8:00 p.m. Mrs. Betty Ross West, Supervisor, Public Affairs and Education, who made the arrangements for these broadcasts, said that "Great Lakes - Pathway to Progress" will be the series carried on completion of "The Jeffersonian Heritage." "Great Lakes - Pathway to Progress" was produced by station WUOM, University of Michigan, under an NAEB-ETRC Grant-in-Aid.

MEMO

from the EXECUTIVE DIRECTOR

On August 8 I had the pleasure of attending the dedication of the nation's first state TV network. It was my pleasure to represent the NAEB at this dedication, which coincided also with the acceptance of the Alabama ETV Commission as a full active TV member in the NAEB.

Prior to the dedication I had an opportunity to visit the Birmingham studios, under the guidance of Harry Lyle and Evelyn Walker. While there I was able to see some of their programs, notably their QUIET TIME, an early afternoon program intended to keep children quiet and away from the outdoor heat. We drove to Auburn the afternoon of August 7, where we visited the University and its television facilities as guests of President Ralph Draughon and Director Ed Wegener. Our stay there was most enjoyable, due to the hospitality of both gentlemen and their ladies.

The morning of August 8 we returned to Birmingham where I participated in the Press Conference which preceded the dedication luncheon at the Club. During this Press Conference there was considerable discussion about Alabama's success in winning legislative support for the network, as well as much talk about the nature of the additional offerings the network will bring to the citizens of the state.

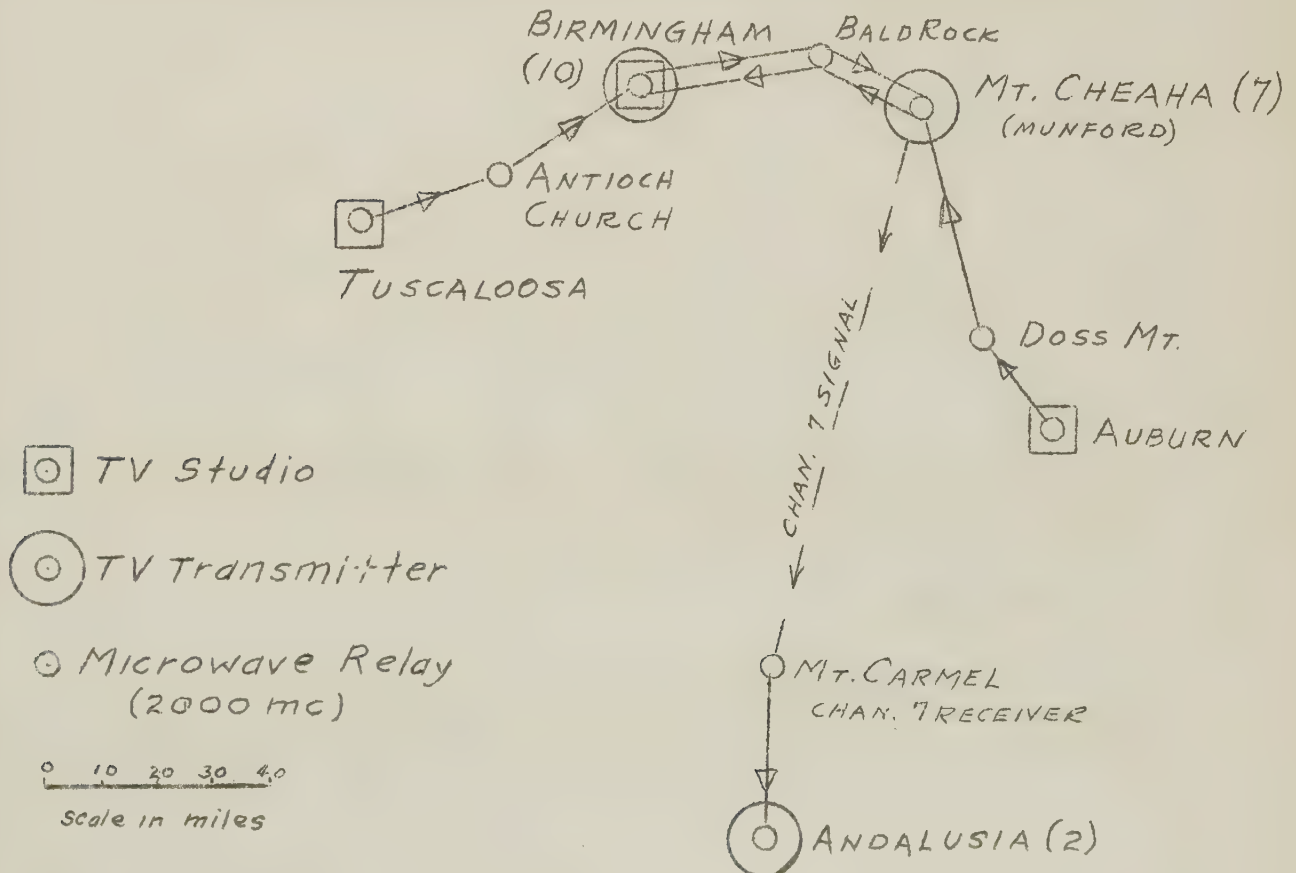
The dedication itself featured remarks by some 30 individuals who brought greetings and messages from as many organizations. A number of those who spoke were senators and representatives, as well as representatives of the Storer Broadcasting interests and the many others who contributed to the network in varying ways. We conveyed best wishes on behalf of the other 145 radio and 21 television members of the NAEB.

The dedication was a wonderful experience. Official after official went on record in pledging continued support to educational television. Representatives of industry and government gave similar endorsements.

Following the dedication we drove to Tuscaloosa where we were guests of President O.C. Carmichael and Graydon Ausmus. Here we had an opportunity to see, as we had already done at Birmingham and Auburn, some of the fine programs being produced; and we met members of the staff and visited their studios.

To add a slightly personal note I should like to record that Graydon Ausmus was gracious enough after a brief visit to his home for refreshment and relaxation to have located a beautiful cabin outside town where I spent the night with Graydon and Ralph Steele. This was the first opportunity the three of us had had to talk together at any great length for many months and we enjoyed reminiscing

ALABAMA EDUCATIONAL TV NETWORK



about the old days, as well as discussing common problems and achievements of more recent date.

Following our return to Birmingham from Tuscaloosa I was given a tour of the city by Evelyn Walker, who, I am sure, knows Birmingham better than any other citizen. Even Harry Lyle, who accompanied us, learned a great deal. I ended up the afternoon of August 9, prior to my return, with Raymond Hurlbert, who was responsible for arranging the dedication ceremonies. We discussed the network after its first day of operation, and some interference problems which had arisen in connection with the latest transmitter at Andalusia. Mr. Hurlbert gave us many materials which helped fill in our understanding of the Alabama story which has appeared in Broadcasting-Telecasting. I also secured from Mr. Hurlbert and his chief engineer, Mr. Renfro, a map of the network, which Cec Bidlack has kindly agreed to put in the Newsletter. It was my thought that many prospective state networks, both TV and FM, might find useful ideas in it. (See map on preceeding page.)

The entire Alabama visit was a heartening one, and we expect great things from this first state network in the United States devoted entirely to education.

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NETWORK NEWS

Since last month was my midsummer vacation from writing a Network News section, this report has quite a number of subjects regarding network projects and operations.

In-School Offering

As of this writing (August 16) the Production Department of the Network is busy dubbing the audition tapes for the new in-school offering. According to our schedule, these programs will be at the

stations not later than September 4, thus each station will be given almost two months to audition and decide which series it wishes to order. The formal offering and the accompanying manuals were shipped earlier this week.

The School Committee worked very hard on this offering, and the Committee, along with the Network Manager, feels the offering to be of high quality and value to school broadcasters.

There are one or two things I would like all stations carrying in-school broadcasts to keep in mind:

1. The audition tapes for each series you order are to be retained for use as programs one and two of each series. There will be no further shipments of programs one and two from any series found in the 1957 in-school offering except at an additional cost of \$2.00 per reel to the ordering station.

2. Please consult your 1957 offering for details as to when the in-school programs will be distributed. There is a distribution chart provided with the offering, and we urge that you become familiar with the details.

3. As you can see from the offering, the new distribution system will have all tapes in your hands by early March so you may have sufficient time to audition them for use in the fall.

4. There has been some confusion in the past concerning for what year a particular in-school offering is intended. The title of the offering determines the release date. for example, the 1956 offering (currently in distribution) has the 1956 fall semester as its release date; the release date of the 1957 offering is the fall semester of 1957, and so on. Always remember that the fall of the year designated in the offering's title is the release date.

5. Since many school broadcasters did not receive programs during the summer, this is to inform you that all Network tapes must be rewound before playing.

6. The deadline for in-school orders is November 2, and this deadline should be met.

Hi-Fi Confusion

There has been and continues to be confusion on how the special hi-fi tapes were to have been ordered; and the Network Manager accepts the responsibility due to his rather inept presentation of the facts in the 4th quarter, 1956 regular offering.

The hi-fi tapes were offered on an all-or-none basis. In view of the small number of tapes we could afford to purchase and have duplicated, it was thought desirable to ship the tapes in a package arrangement.

Let me state that this offering of hi-fi tapes was an experiment designed to determine what degree of success we would have in this line, with a very definite view on the future. As all of the orders are not in, we are unable to gauge the results, although there are hopeful signs.

Naturally, in an experiment such as this, certain errors were bound to occur. However, if and when future hi-fi offerings are made, we will review distribution and arrange for a more convenient method giving all stations the option of selecting series of their choice while rejecting others.

Open and Close for Net Programs

It would be a great help to the Network staff if stations having programs scheduled for Network distribution would put proper openers and closers on them. The openers should contain a transcribed credit and the fact that the program is presented by the National Association of Educational Broadcasters in cooperation with the originating station. The closing should contain the same material plus the closing line, which should read: "This is the NAEB Radio Network." We would appreciate your cooperation along this line.

Submissions

Once again the Network finds it necessary to urge you to submit programs for possible Network use. We can never have too many programs, and since this is your Network, we look to you to provide the programs to keep it running. We are certain that every station on the Network has the potential to produce at least one Network

series. Therefore, we request that you continue to support the Network by providing the necessary programs for its continuance.

Tape Returns

While lengthier statements on this subject will be forthcoming, I feel that something must be said on this subject now. Recently, we began a thorough investigation of all tapes returned to us. The results of this investigation were disappointing, particularly to those who have worked so hard to provide the stations with tapes of good technical quality.

Under existing conditions, it is not possible to check and repair the average 100 tapes we receive every day. We are trying our best, but the demands of such a task are very great and the amount of repair work necessary limits the number of tapes we can handle per day. Therefore, we must appeal to you, the stations who will receive either good or bad tapes, depending on what you send us.

We ask that each of you pay more attention to the quality of the tapes you are returning to us. Remember, the tapes you receive will be only as good as the tapes you send.

---Bob Underwood

BOX

SCORE

Total TV Stations - 487 (391-VHF,
96-UHF) includes 22
non-commercial

Total AM Stations - 287¹ (includes
35 non-commercial)

Total FM Stations - 623 (includes
138 non-commercial)

excerpt from TV Digest

DIRECTORY CHANGES

Listed below are changes in the NAEB Directory since it was issued July 1, 1956. These are presented for your convenience and will appear each month. Items to be changed are underlined.

1. WNAD, Norman Oklahoma - Hugh Mix, Director
2. WDUQ, Pittsburgh, Pa. - Phone, Grant 1-4600
3. WILL (AM), Urbana, Ill. - Insert * after call letters, denoting Network affiliation.
4. KWGS (FM), Tulsa, Oklahoma - 4 kw, Phone, WE - 9-6351, ext 252
5. Illinois Congress of Parents & Teachers
Mrs. E. J. Newman 3730 Lake Shore Drive
State Radio-TV Chairman
6. KOAG (AM), Stillwater, Oklahoma - Delete
7. KAMC (FM), Oklahoma A&M - Insert * after call letters
8. KCFM (FM), San Mateo, California - Delete
9. WMCR, Kalamazoo, Mich. - 102.1 mc, 10 kw
Phone, Fireside 5-1942
10. WQED, Pittsburgh, Pa. - Phone, Museum 3-1300
11. Page 1, change to:

114 Active Members
269 (total under summary of membership)
6 Radio - AM & FM
114 Total Active Membership
(1) . . . these 114 members operate 143 stations

TEACHING BY TELEVISION

Dr. Irving R. Merrill, head of WKAR-TV Research, Michigan State University, recently returned from Illinois where he was consultant for the Evanston Township High School faculty and staff who are preparing to start experimental teaching with closed-circuit TV. The Evanston Township experiment is one of three backed by the Ford Foundation in an effort to find new methods for teaching large numbers of high school students. The project is expected to answer questions as to the relative costs of closed circuit instruction, the effectiveness of this method, and the attitudes of students, faculty and parents toward closed-circuit teaching.

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Kills Cats - Catches Children

Children are caught by curiosity - and TV programs aimed at youthful viewers should be based on this fact. So say a group of consultants on children's programming, who met with ETRC representatives at Ann Arbor, Michigan. With proper presentation and a captivating personality, the curiosity of young people about the world can be satisfied. After all, say the children's experts, the most common words among children are "What" and "Why."

The consultants point to the need for research to discover how children feel - what happens inside them when they see a television program. "The real question should be, is there a change in behavior possible through television programs?"

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"Teaching by Closed-Circuit Television," a booklet published by the American Council on Education is a report of the conference held February 26-28, 1956, under the co-sponsorship of the Council's

Committee on Television and Iowa State University. Constituent and institutional member organizations of the Council received free copies. Additional copies may be obtained from the American Council on Education Publication Division for \$1 each. The Committee on Television hopes the report will be carefully studied and invites suggestions for preparing its future studies on ETV.

BROADCASTING AROUND THE WORLD

Swedish Parliament decided to introduce a regular, non-commercial TV service last May. The Swedish Broadcasting Company (Radiojanst), which has been operating an experimental service for two years, will be responsible for the regular transmissions. The Telegraph Administration will install and run the transmitters, the first of which will be built outside Stockholm. After some programs in the beginning of September covering the elections in Sweden, the regular program service will start September 15. This first year the output will be 7-8 hours a week. The transmitting time will be doubled as soon as possible.

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Japan is launching, with UNESCO's aid, an experiment in the use of television for rural adult education. The program will be patterned after an earlier experiment carried out in France with UNESCO's assistance. Forty community viewing groups, or "tele-clubs," will be formed this year in schools and civic centers in areas covered by transmitters located in Tokyo, Nagoya, and Osaka. Japanese educational and broadcasting authorities will produce a series of programs to demonstrate the problems of Japanese agriculture and how to solve them.

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El Salvador, Central America, has received the transmitting equipment for its first television station. The new station will have the call letters YSEB-TV and be located in the city of San Salvador.

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Television receivers in use throughout the world have just passed the 50,000,000 mark, according to Television Factbook. Nearly four-fifths of the world's TV sets - 39,000,000 - are in the United States, which also has two-thirds of the world's telecasting stations. The United States has 478 regular TV stations in operation, 178 more authorized, plus 21 small stations installed by the U.S. Armed Forces for troop morale in isolated overseas bases. The 41 other countries with TV have an aggregate of 246 stations and about 11,700,000 receivers. In number of stations, Canada is second to the U.S., with 35 now on the air, two more authorized. The British Isles, with 17 stations, have about 6,000,000 sets in use, Canada 2,200,000. West Germany is third in number of stations - it has 31, but less than 50,000 sets (though trade there is currently booming) while the USSR has 25 stations and an estimated 1,000,000 sets.

FCC ACTIONS

Texas Technological College, Lubbock, Texas, has filed for an ETV station on Channel 5, 75-82 mc., 11.1 kw, antenna height above average ground - 444 ft.

Is your address to which the Newsletter is sent correct? If not, write us at the NAEB office, 14 Gregory Hall, University of Illinois, Urbana, Illinois.

NEWS OF MEMBERS

GENERAL

Hoosier television viewers during the 1955-56 school year were offered 591 educational programs over commercial television by Indiana University, reports Prof. E. G. Sulzer, radio and TV department head. The educational shows, all presented as a public service by station WTTV (Channel 4), added up to a total of 242 1/2 hours of air time, Sulzer said. Thirty-seven of the programs were presented also over other Indiana stations by kinescope. Seven of the series were offered as college credit courses.

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Helping WKNO-TV, Memphis, underwrite certain features of their educational program is the Memphis section of the National Council of Jewish Women. They retain a literacy consultant for a course produced on better English and pay the salaries of two teachers that help on the program.

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KQED, San Francisco, is moving its transmitter and antenna to a new location on San Bruno Mountain in San Mateo County. The relocation will materially improve reception of the community television station in many parts of the Bay area and thus gain for the station a new and larger audience. The announcement follows months of planning on the part of the station and the Crocker Estate Company. Under the terms of the arrangement, the Crocker Estate Co. will build and lease to the station a transmitter building and a 150-foot steel tower. The new site is adjacent to the transmitting facilities of KRON-TV and KNBC-FM. The move to San Bruno Mountain, which was approved by the FCC late in July, will raise the KQED antenna to more than twice its present height on the Mark Hopkins Hotel. The actual date of the move is not yet determined, although it

is hoped that construction can be completed in time to move the transmitter by mid-September.

* * * * *

WOI, Iowa State, moved into its new second home August 23rd amid much fanfare. The key presentation ceremony was held in front of the new Communications Building on the Iowa State Fair Grounds. Robert Mulhall accepted the key to WOI's part of the building.

* * * * *

PERSONNEL

Francis W. Hunt, former production supervisor of the St. Louis Board of Education's radio station KSLH, has joined the staff of KETC St. Louis, as a producer in the department of school programs. His appointment was effective Wednesday, August 1,

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Illinois Institute of Technology at Chicago has named John B. Buckstaff, commercial television producer, as supervisor of radio and television. Buckstaff was named by Victor J. Danilov, manager of public relations, to fill the vacancy left by Kirk H. Logie, now associated with NBC in Chicago.

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Mrs. Gilbert Love and Mrs. Nixon Brewer have been added to the Community Relations staff of WQED, Pittsburgh. Their duties will include organizing community chairmen and workers for the station's fund campaign which started September 4.

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The Iowa State Board of Regents announced the promotion of Robert Mulhall to general manager of Iowa State College's WOI radio and television stations, succeeding Richard Hull who has resigned. Mr. Mulhall has been associated with WOI 13 years, having been operations manager since 1952. James Davis, who has been educational supervisor for the television station, was named associate general manager and program supervisor. He has been with WOI about four years, formerly being a superintendent of schools in Iowa.

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PROGRAMS

A new TV series put out by the ETRC brings American history glowingly alive. Called "A Land to be Free", it consists of eight half hour programs. Priceless relics of Americana from the Clements Library at the University of Michigan enliven the programs. Among the documents exhibited are a Valley Forge spy map, a code letter from Benedict Arnold to Major Andre and rare paintings of the American Indian as seen through the eyes of two 16th century artists. Dr. Howard Peckham, Director of the Clements Library, acts as host. The series is currently being shown over KQED, San Francisco, and will continue until September 26.

* * * * *

With the opening of school, WTTV, the commercial station in Bloomington, Indiana, over which Indiana University sends its ETV programs, will offer two new TV courses for credit, one slanted for high school, the other for college students. The high school course is Trigonometry and is aimed at developing scientists. This course, the first offered in the state for high schoolers, will go on the air September 17. The college credit course is called "World Geography" and goes on the air the 18th of September.

* * * * *

Presenting the problems of some 300,000 displaced people in Europe, a new documentary series, "The Waiting People" made its debut on WNYC and WNYC-FM, New York, August 18. Containing poignant, dramatic and moving documentaries, the series will present recorded interviews with some of the thousands of people dislodged by German or Russian troops during World War II, as well as those who escaped from behind the Iron Curtain during the past several years. The programs (in English) were recorded by Radio Nederland which sent a team of radio reporters to get the story of the thousands of homeless people who are barely existing in camps awaiting aid for emigration to the Western community and return to a normal life.

* * * * *

WILL-TV, University of Illinois, featured a program August 10 on an electronic brain that's musically inclined. Prof. L. M. Isaacson, one of the composers of the "Illiac Suite for String Quartet" - Illiac being the University's electronic computer - was interviewed about the mathematical problem devised that resulted in a musical composition. Prof. Isaacson and Prof. L. H. Hiller had together made up a problem using certain numerical equations and run it through the Illiac. Just as they had planned, the usually discordant "bleeps" and "bloops" that issue from the computer when it is working, merged into a harmonious melody - a bit tinny and mechanical, but still a melody. Excerpts from the performance of the "Illiac Suite" were heard on the program, along with a film showing Illiac in operation.

* * * * *

A series of two one-half hour films featuring Martha Graham and 10 of her former students, recently was produced in her New York studio for WQED, Pittsburgh's educational TV station. These films, which later will be released to other ETV stations in the country, give Miss Graham's interpretation of the history of modern dance

forms and tell the story of what is required to be a successful modern dancer. Miss Graham never before has consented to appear before a camera; nor has she been recorded on film. This is truly a "first" for WQED.

* * * * *

An end-of-summer treat is in store for KUON-TV viewers. Beginning August 3, the Lincoln, Nebraska station will present Dr. Frank Baxter in his well-known series "Shakespeare on TV." Baxter is one of the nation's outstanding figures in educational television. In this fifteen program series, Dr. Baxter will discuss "Richard III," "Macbeth," "Antony and Cleopatra," and "The Tempest." He will devote three programs to each play.

* * * * *

The New York Municipal Broadcasting System (WNYC & WNYC-FM) provided unique specialized coverage of the 1956 political conventions through a comprehensive two-pronged plan. The double approach to the Democratic and Republican conventions featured a daily international objective view of the day's convention proceedings via the Canadian Broadcasting Corporation; and other on-the-spot reports direct from the convention floors by a special WNYC news team. In addition, all WNYC newscasts were geared to convention news and regular programming was interrupted for special bulletins.

* * * * *

An exhibition of original etchings by Rembrandt, the only one of its kind to be held in the United States, was displayed on KQED, San Francisco, August 10. Presented in conjunction with the Rembrandt Festival in Holland and the exhibition at the California Palace of the Legion of Honor, KQED's special "live" program, "Rembrandt and His Influence," signalized the 350th anniversary of the

master artist. KQED's show covered the full scope of Rembrandt's printmaking activity, beginning with some of his earliest etchings of beggars and peasants and ending with some of his incomparable masterpieces, such as "The Hundred Guilder Print" and "La Petite Tombe."

* * * * *

WKNO-TV, Memphis' new community station, presented its first live programs September 3. A series of classical fairy tales and fantasies were shown under the title "Just Before Bedtime." Credit courses in psychology and art are also offered. A gardening series, a clinic for small business, and English and math high school courses are among other live programs starting this fall.

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Rutgers University, New Brunswick, New Jersey, is presenting a series of programs on "The Language of Pictures" over WATV, Channel 13. The programs delve into the psychological and historical aspects of pictures, how images are substituted for reality and whether or not pictures affect the real thing they are portraying.

New hope for faculty members who dared not spend much time on radio-TV work because publication, and publications alone, would be counted toward their promotion: Syracuse University counts creativework in music, film production and radio-TV work the same as publications when tallying up score for faculty promotions. This movement may encourage other educational institutions to follow suit and faculty members who wouldn't work on such projects before may be encouraged to experiment.

AWARDS

KDPS, Des Moines, received the Alfred P. Sloane Radio-TV award for outstanding contributions to safety for the second time in as many years. KDPS is the only educational station to receive the award twice. The Sloane Foundation has supported a program to lower motor-vehicle fatalities in the U.S. for the past 8 years.

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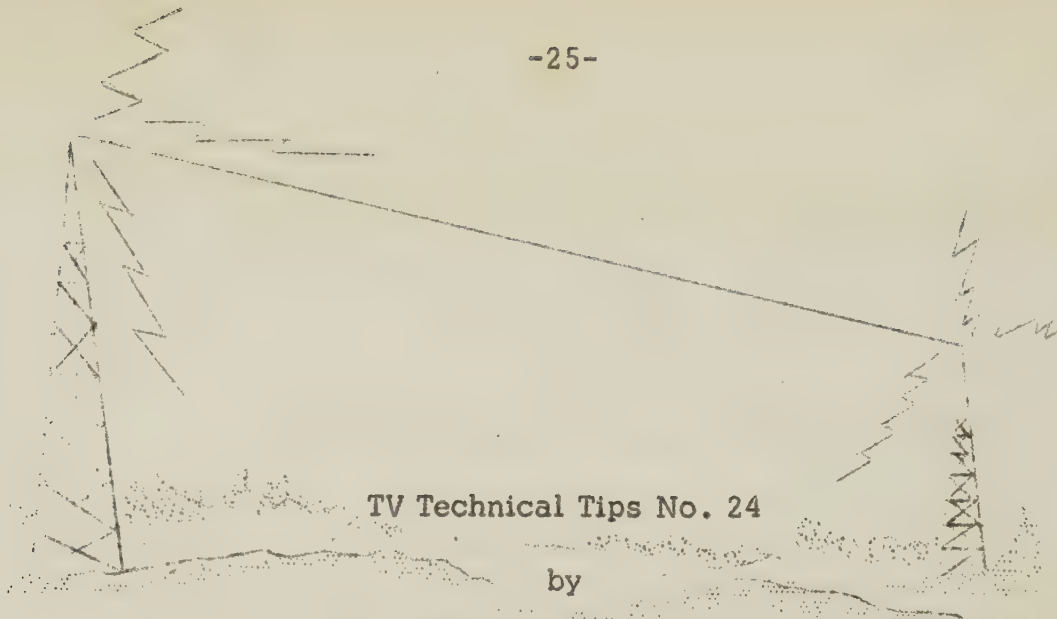
A limited number of Fulbright awards are available for study in Latin America during 1957-58 under the U.S. Government international educational exchange program. American college graduates may apply for awards in Chile under the Fulbright Act and for awards in other Latin American countries under the Buenos Aires Convention for the Promotion of Inter-American Cultural Relations. Latin American area specialists, students of Spanish language and literature, natural and social scientists should be interested.

Info On FM

The State Radio Council of Wisconsin has published an informative fact sheet on FM radio. The material is slanted toward dealers, service men and people who might appear before an audience. Facts include advantages of FM over AM and the types of programs available. Some mention is made of the Wisconsin FM network. A supplementary sheet lists national radio manufacturers, their FM table models, prices and features of each.

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Don't forget the 1956 convention in Atlanta, Georgia.



TV Technical Tips No. 24

by

Cecil S. Bidlack, NAEB TV Engineer

Does anybody know where the summer went? Deadline for September Newsletter copy is here and our folder isn't exactly bulging. That means summer is practically over and the fall rush is almost upon us.

We've just returned from three days spent at the University of Michigan Television Studio at the Lighting and Staging Workshop. We're sure that many of the participants returned to their home studios a bit envious of the fine television facilities provided by the State of Michigan. They also came away stimulated by their contacts with the consultants and others in the group. It was amazing to us to see how quickly a bare studio was transformed into the sets required by the staging problem of the workshop.

* * * * *

A new 16mm magnetic multi-frequency test film is now available from the Society of Motion Picture and Television Engineers. Developed by the Society's Sound Committee, it covers a range of frequencies from 50 through 7,000 cycles per second and provides a much needed reference standard for measuring and adjusting the electrical characteristics of magnetic sound systems for motion pictures and television. This new test film is last in a series of standards and standardized test methods developed by SMPTE for the mo-

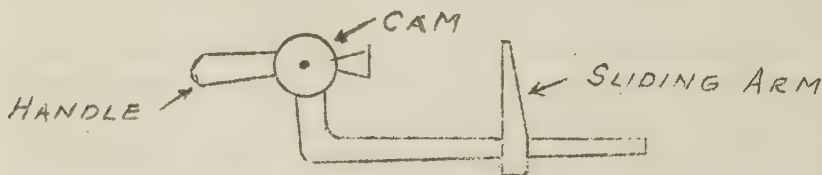
tion picture and television industries as a foundation on which to build 16 mm magnetic sound of high professional quality.

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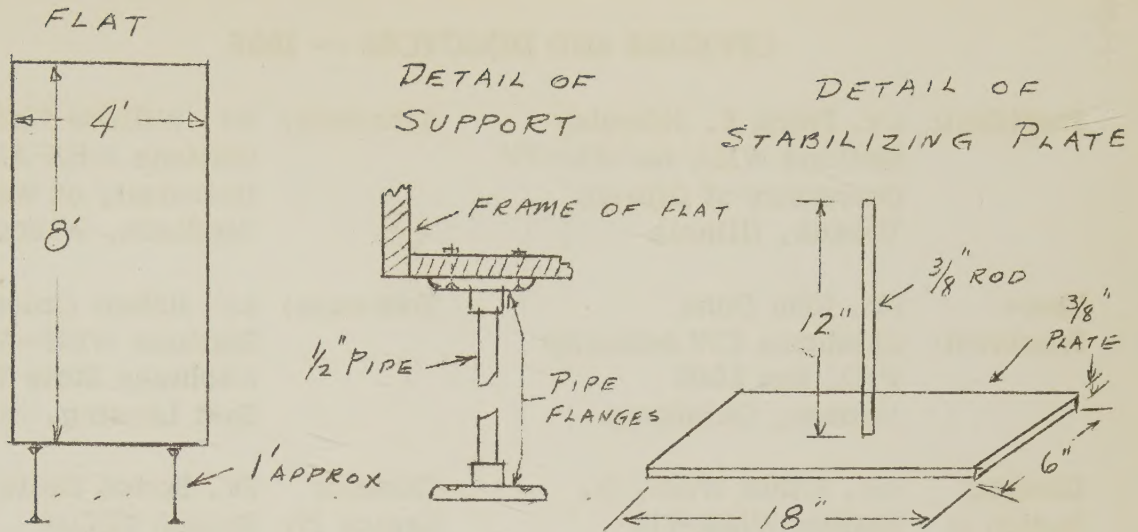
Notes from the TV Lighting & Staging Workshop:

Gould-Mersereau Co., Inc., 35 West 44th Street, New York 36 New York, are manufacturers of drapery hardware. They supplied the track and hangers for the draperies which run around three sides of the University of Michigan TV studio. If you're interested we suggest you write asking for their catalog.

Vern Weber is using a different type of scenery clamp than the screw type "C" clamp ordinarily seen in TV studios. It's called a Colts Clamp and is made by the Batavia Clamp Co., Batavia, N.Y. It comes in various sizes from 4-18 inches in length. Clamping action is effected by a cam instead of a screw; consequently its action is very fast. A sliding arm also makes the clamp adjustable for use in clamping objects of varying widths together. (see sketch)



Modular Units of scenery are also employed at the University of Michigan TV studio. These are constructed by building a frame of 1" x 3" wood covered with 4' x 8' sheets of upson board or plywood. No scenery jacks are used; instead 1/2" pipe 13 inches long and pipe flanges are employed which hold the flat approximately one foot off the floor. For stability a flat steel plate, 3/8" thick and 6" wide by 18" long to which 3/8" iron rods a foot long have been welded, are used. The pipes and bottom flange slide down over the rods and the plates are turned at right angles to the plane of the flat for stability. (see sketch on next page)



KUON-TV, the University of Nebraska station at Lincoln, is seeking a Chief Engineer. They desire someone with television experience to assist architects in planning studio facilities and to select and install studio and microwave equipment. The station has been on the air since November 1, 1954 using studio facilities of a commercial station in Lincoln. Apply at once to:

Jack McBride
 KUON-TV
 University of Nebraska Television
 Lincoln 8, Nebraska

We welcome Raymond Watson to educational television as Kinescope Recording Engineer at the University of Alabama Studios at Tuscaloosa. Mr. Watson formerly taught at Jacksonville State Teachers College and also was employed at WAGA-TV in Atlanta.

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